

96/92/01
U.S. PTO

File No. 1133-13.1

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION FOR LETTERS PATENT

BE IT KNOWN THAT We, Charles D. Kownacki, Jeffrey G. Rehkemper, and Ronnen Harary, have invented a certain new and useful improvement in a Pneumatic Engine for a Toy Vehicle, of which the following is a Specification:

REFERENCE TO RELATED APPLICATION

This application corresponds in subject matter to Provisional Application for Patent, Serial Number 60/081,045, filed April 9, 1998, entitled Pneumatic Engine.

BACKGROUND OF THE INVENTION

The present invention relates to fluid engines and, more particularly, to pneumatic engines adapted for use in toys such as aeroplanes and wheeled vehicles, including toy cars, trucks and trains. The invention is, particularly, directed to a piston-operated pneumatic engine. Accordingly, the only prior art relative thereto known to the inventor is that of U.S. Patent No. 4,329,806 (1982) to Akiyama, entitled Fluid Engine, and the engine of an unpatented compressed air operated model aeroplane sold in the United Kingdom in or about 1990 known as the Jonathan, utilizing a so-called Z-model engine.

1
2